Presto Stantest Pvt. Ltd.

I-42, DLF Industrial Area Phase-1, Delhi Mathura Road, Faridabad 121003, Haryana, India

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40 YEARS 1983-2023 TIME TESTED TESTING INSTRUMENTS

Cyclic Test Chamber

* Pneumatically Operated Canopy

Fiber Reinforced body (Triple Walled)

Online Fog Collection Unit

HMI Based Touch Screen

Hour Meter

Air Purge

Castor Wheels with lock

### Model No. CCT-450

Registered Design No. 244580

Presto Cyclic Corrosion Salt Spray Chamber – Worlds most Interactive and versatile corrosion test systems range available, synthesizing salt spray with other environmental conditions such as fixed humidity, air drying and wetting / condensation.

Presto Cyclic Corrosion Salt Spray Chamber models will perform the neutral salt spray tests, along with in addition these CCT models are loaded with extra features which enables users to perform intense 'modified'. In this the conventional salt spray is often programmed with multiple climate, in a multi-stage cycle, to intensify the test. Some Test Cycles Names - Salt spray and Wetting / Condensation Humidity (SWAAT) or Salt spray and Air drying (PROHESION).

- HMI based Touchscreen Model
- Relative Humidity can be monitored on HMI Screen.
- Cyclic Test mode enabled to set parameters according to test sample
- Corrosion Resistant PT-100 sensor
- Solid state digital Programmable Temperature Controller
- Program profile for selecting test parameters and performing the test.
- Easy Data Management. User can create PID settings, Air Saturator settings, test temperature, test and air purge time etc.
- Current test running status display
- Robust Construction with Fiber reinforced body(Triple wall)
- Ease of use of sample placements inside the test chamber
- Pneumatically operated canopy
- Air purge after test for fog settlement.
- Reservoir Tank inside sponge filter with low solution level alarm.
- 5 point Auto Tuning feature selection
- Real time vs temperature graph
- Data recording with temperature data reading
- USB option available (Pen drive is not a part of supply)
- User can control PID settings through Advanced Hysteresis setting
- Angle of Canopy maintained in order to restrict flow of droplets directly on the test sample.
- Low compressed air alarm (Smart device introduce)
- Low NACL solution alarm.
- Over / under voltage protection
- Individual specimen real time monitoring with identification.
- Maintain fault history (Easy to Diagnose the exact issue)

New Innovative Add On features in Presto Cyclic Test Chamber that make it Class Apart.

- Ethernet Connectivity- to connect with other devices using LAN and internet.
- Also to connect any computer or other electronic devices to its network as long as the device has an Ethernet adapter or network card.
- Built-in VNC server that allows remote monitoring and operating of the HMI functions via VNC Client APP (Windows, iOS, Android)
- Web Monitoring through which allows direct monitoring of register data via web -page, and requires no additional software I installation
- Alarm Notification-Automatically sends out alarm notification emails to logged-in recipients when alarms   occur and supports the Secure Sockets Layer (SSL) protocol to ensure safe data transmission.
- Option to interchange HMI fonts between HINDI and ENGLISH for Operator convenience to operate and access database using Hindi Language.
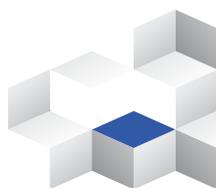
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Key Specifications:

Display	HMI Based touchscreen 7" TFT LCD Color screen
Humidty (RH Range)	Fixed at 95% - 100 % RH $\pm$ 5%
Humidity Temperature Range	40° to 50 ºC $\pm$ 3ºC (90% above relative humidity)
Dry Cycle Temperature Range	5 above Amb. to 60 ºC $\pm$ 3ºC
Salt Cycle Temperature Range	5 above Amb. to 35 ºC $\pm$ 2ºC
Chamber Temperature Least Count	0.1ºC
Air Saturator Temperature Range	40ºC - 55ºC
Air Saturator Temperature Least Count	0.1ºC
Air Saturator Temperature Repeatability	$\pm$ 2ºC
Power	220 , Single phase, 50 Hz , 15 A
pH value of Salt Solution	6.5 to 7.2 pH
Temperature Control	Inbuilt PID Temperature Controller
Timer(Hour meter)	6 digits
Test Air Pressure	0.7Kg/cm²- 1.2Kg/cm²
Air Regulator	0 to 30 psi
NACL Solution Tank Capacity	60 Ltr.

Highlights:

Air Saturator water Level low alarm	Yes
Fog Collection Funnel	1
Air Purge	Auto/Manual
Air Saturator Auto Refilling	Yes
Material	Fiber Glass
Over Temperature Alarm	Yes
Reservoir float valve	Yes

* Compressed Air requirement : Approx 7 cfm (Air Compressor not part of supply)
  Main air line pressure regulator with filter in customer scope.

Optional:

• Online pH meter.
• Table top pH meter.

MODEL	Internal Size (in mm)
Cyclic Corrosion Chamber 450 Ltr.	1000x700x750

Control Panel with Ethernet port
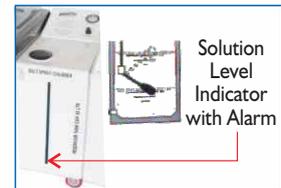
Check for options

Pneumatic Canopy lift system

* available with only 250 liter model

Automatic Leveler For Air Saturator

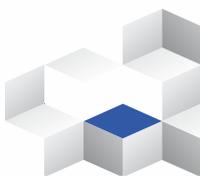Solution Level Indicator with Alarm

Specimen Positioning System

Smart Monitoring device under & over voltage protection

Air Monitoring device with Low Air Alarm
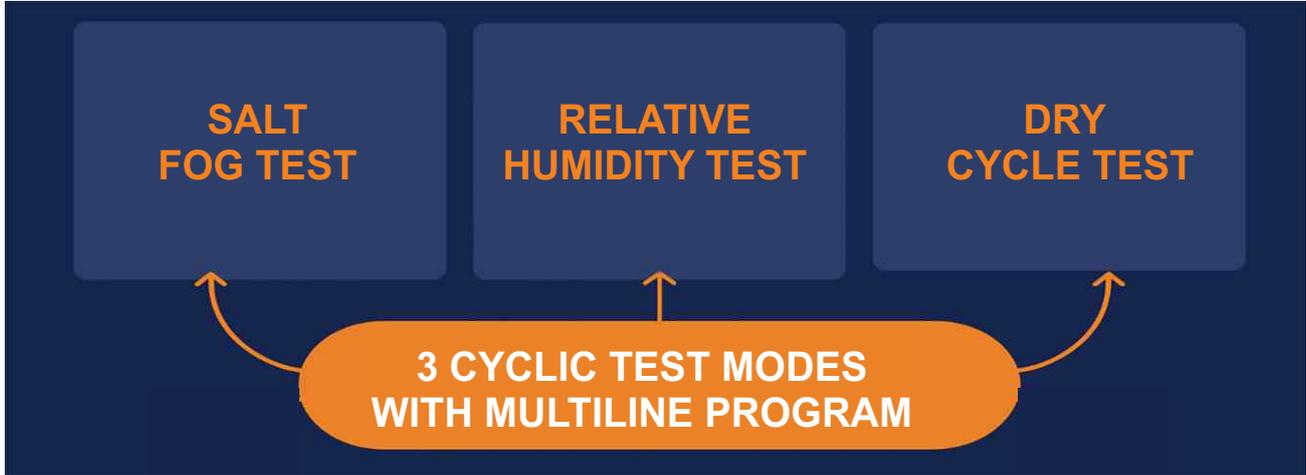

Inbuilt Humidity Source

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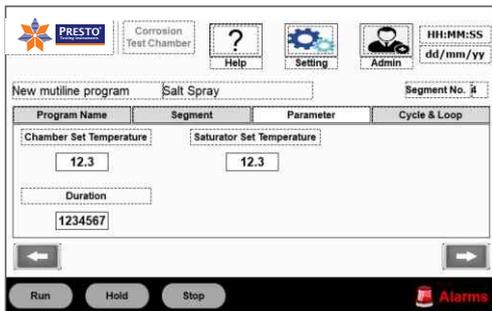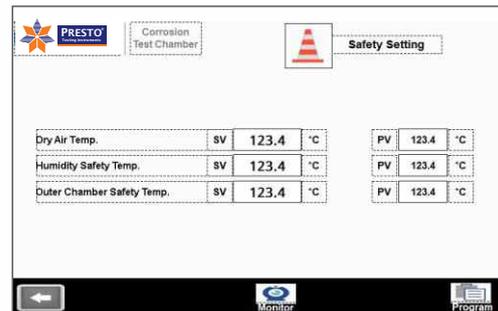• Chennai • Bangalore • Hyderabad

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SALT FOG TEST

RELATIVE HUMIDITY TEST

DRY CYCLE TEST

3 CYCLIC TEST MODES WITH MULTILINE PROGRAM

ADMIN SETING

INDIVIDUAL TEST

MULTI LINE PROGRAM

SAFETY SETTING

Thank you customers for choosing us as your partners in growth !